FORM (REV.)	PTO-13	90 (Modified) U.S. DEP. TOF COMMERCE PATENT AND TRADEMARK OFFICE	ATI EY'S DOCKET NUMBER					
		RANSMITTAL LETTER TO THE UNITED STATES	221158US2PCT					
		DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR					
		CONCERNING A FILING UNDER 35 U.S.C. 371	1,00,0880,8					
INTE		FIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/JP01/06395 25 July 2001	PRIORITY DATE CLAIMED 25 July 2000					
CEF	RAM:	NVENTION IC SUBSTRATE, CERAMIC HEATER, ELECTROSTATIC CHUC R FOR SEMICONDUCTOR MANUFACTURE AND INSPECTION						
		T(S) FOR DO/EO/US ITO et al.						
1 as	utaki	110 cc at.						
Appl	icant l	herewith submits to the United States Designated/Elected Office (DO/EO/US) the	ne following items and other information:					
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing	g under 35 U.S.C. 371.					
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.						
4.		The US has been elected by the expiration of 19 months from the priority date	(Article 31).					
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))						
		a.   is attached hereto (required only if not communicated by the Interna	tional Bureau).					
		b. 🛮 has been communicated by the International Bureau.						
		c.  is not required, as the application was filed in the United States Rece	iving Office (RO/US).					
6.	$\boxtimes$	An English language translation of the International Application as filed (35 U	J.S.C. 371(c)(2)).					
		a. ⊠ is attached hereto.	,,,,,					
		b.  has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article	19 (35 U.S.C. 371 (c)(3))					
		a.   are attached hereto (required only if not communicated by the International Communicated by the International Communicated States and Communicate						
		b.   have been communicated by the International Bureau.						
		c. $\square$ have not been made; however, the time limit for making such amenda	ments has NOT expired.					
		d. ⊠ have not been made and will not be made.	•					
8.		An English language translation of the amendments to the claims under PCT A	article 19 (35 U.S.C. 371(c)(3)).					
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
10.		An English language translation of the annexes to the International Preliminary Article 36 (35 U.S.C. 371 (c)(5)).	y Examination Report under PCT					
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).						
12.	$\boxtimes$	A copy of the International Search Report (PCT/ISA/210).						
It	ems 1	13 to 20 below concern document(s) or information included:						
13.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
14.		An assignment document for recording. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.					
15.		A FIRST preliminary amendment.						
16.		A SECOND or SUBSEQUENT preliminary amendment.						
17.		A substitute specification.						
18.		A change of power of attorney and/or address letter.						
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.						
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).						
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
22.		Certificate of Mailing by Express Mail						
23.	$\boxtimes$	Other items or information:						

Notice of Priority/ Form PTG-1449 PCT/IB/304/ Drawings (6 sheets)

IC13 Rec'd PCT/PTO U.S. APPLICATION NO. (1E KNOW) ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. PCT/JP01/06395 221158US2PCT 24. The following fees are submitted:. CALCULATIONS PTO USE ONLY BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to \$890.00 USPTO but International Search Report prepared by the EPO or JPO ...... International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . . . . . \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)...... \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$890.00 Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). \$130.00 **CLAIMS** NUMBER FILED NUMBER EXTRA **RATE** 0 \$18.00 \$0.00 Total claims - 20 = \$84.00 \$84.00 - 3 = Independent claims \$0.00 Multiple Dependent Claims (check if applicable) TOTAL OF ABOVE CALCULATIONS \$1,104.00 Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2. \$0.00 **SUBTOTAL** \$1,104.00 Processing fee of \$130.00 for furnishing the English translation later than □ 20 □ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). \$0.00 TOTAL NATIONAL FEE \$1,104.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). \$0.00 TOTAL FEES ENCLOSED \$1,104.00

				Amount to be: refunded	\$				
				charged	\$				
a.	$\boxtimes$	A check in the amount ofto cover the	above fees is enclosed.						
b.		Please charge my Deposit Account No in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c.	X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No15-0030 A duplicate copy of this sheet is enclosed.							
d.		Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR .137(a) or (b)) must be filed and granted to restore the application to pending status.									
END A	ALL C	ORRESPONDENCE TO:		l leh					
		Suringer Sachar Registration No. 34,423	SIGNATURE	SIGNATURE					
		· · · · · · · · · · · · · · · · · · ·	Marvin J. Spi	pivak					
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			Page 2 of 2			_			